

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-17 (canceled).

18. (New) A device, comprising:

at least one electrical component;

a housing containing the at least one electrical component and at least partially filled by a passivating agent, wherein the at least one electrical component is at least partially covered by the passivating agent; and

an additional material layer applied on the passivating agent.

19. (New) The device as recited in Claim 18, wherein the at least one electrical component has a micromechanical sensor element, and wherein the micromechanical sensor element detects at least one of a pressure variable, a temperature variable, an air mass, a resistance variable, and a concentration of at least one medium surrounding at least one of the device and the micromechanical sensor element.

20. (New) The device as recited in Claim 18, wherein the at least one electrical component includes at least one area that is sensitive to corrosion, and wherein the at least one area that is sensitive to corrosion is covered by the passivating agent.

21. (New) The device as recited in Claim 18, wherein the additional material layer includes a material that is at least one of resistant to corrosion and impervious to water,

and wherein the additional material at least one of: a) separates the passivating agent from an ambient medium; b) reduces a speed of diffusion of the ambient medium in the passivating agent; and c) renders harmless a corrosive component of the ambient medium by a chemical reaction.

22. (New) The device as recited in Claim 18, wherein the additional material layer is configured as a diaphragm layer having a wave-shaped surface structure.

23. (New) The device as recited in Claim 21, wherein at least one of: a) the passivating agent includes a fluorosilicone gel; and b) the additional material layer includes one of teflon and parylene.

24. (New) The device as recited in Claim 21, wherein the passivating agent and the additional material layer have at least one of: a) substantially equivalent temperature coefficients of expansion; and b) substantially equivalent optical indices of refraction.

25. (New) The device as recited in Claim 21, wherein the housing includes a housing lower part having housing walls, and wherein the housing lower part is filled with the passivating agent up to the height of the housing walls.

26. (New) The device as recited in Claim 21, wherein the housing includes a housing upper part having a housing cover, and wherein the housing cover has an opening and fixes the additional material layer onto the passivating agent.

27. (New) The device as recited in Claim 20, wherein the at least one area that is sensitive to corrosion includes at least one of an electrical contacting surface and an

electrical contacting element, and wherein the at least one area that is sensitive to corrosion is covered by a layer of the passivating agent having a layer thickness of more than 0.2 mm.

28. (New) The device as recited in Claim 21, wherein, for reducing the speed of diffusion of the ambient medium in the passivating agent, the additional material layer includes one of: a mica platelet; hydrotalcite; magnesium hydroxide; aluminum hydroxide; hydromagnesite; and huntite.

29. (New) The device as recited in Claim 21, wherein, for rendering harmless a corrosive component of the ambient medium by a chemical reaction, the additional material layer includes one of: amino-functionalized siloxanes; silazanes; a viscous amino-terminated silicone oil; monoalkylamines; dialkylamines; trialkylamines; hydrotalcite; magnesium hydroxide; aluminum hydroxide; hydromagnesite; huntite; poly(1,1-dimethylsilazane); polyamines; and polyamides, and wherein the siloxanes, the poly(1,1-dimethylsilazane), the polyamines and the polyamides have a fiber shape in the material layer.

30. (New) The device as recited in Claim 28, wherein the additional material layer has a filler concentration of 28 to 50 weight-%.

31. (New) The device as recited in Claim 29, wherein the additional material layer has a filler concentration of 28 to 50 weight-%.

32. (New) The device as recited in one of Claim 21, wherein the device is one of: a) a micromechanical pressure sensor for recording a pressure variable representing one of a

pressure of the ambient medium and a pressure difference between two components of the ambient medium; b) a hot air mass sensor; and c) a generator control device.

33. (New) A method for manufacturing a device, comprising:
providing a housing;
providing at least one electrical component in the housing;

at least partially filling the housing with a passivating agent, wherein the at least one electrical component is at least partially covered by the passivating agent; and

applying an additional material layer on the passivating agent.

34. (New) The method as recited in Claim 33, further comprising:

providing, before the filling of the housing with the passivating agent, at least one of an electrical contacting surface and an electrical contacting element, wherein the at least one of the electrical contacting surface and the electrical contacting element at least one of: a) has a bonding pad; b) has a bonding wire; and c) is covered by the passivating agent.

35. (New) The method as recited in Claim 34, wherein the at least one of the electrical contacting surface and the electrical contacting element is covered by a layer of the passivating agent having a thickness of more than 0.2 mm over at least one of the bonding pad and the bonding wire.